

Search Hist. (30pp.) ~~PDF~~ (1/13/06).

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	84	(US-20010004540-\$ or US-20010045587-\$ or US-20020006699-\$ or US-20020028550-\$ or US-20020030214-\$ or US-20020072167-\$ or US-20020096705-\$ or US-20040150028-\$ or US-20040183121-\$).did. or (US-4222063-\$ or US-4419743-\$ or US-4794561-\$ or US-4890145-\$ or US-4912535-\$ or US-4951117-\$ or US-4979014-\$ or US-5032882-\$ or US-5062077-\$ or US-5208657-\$ or US-5250830-\$ or US-5258635-\$ or US-5285093-\$ or US-5350708-\$ or US-5378907-\$ or US-5386132-\$ or US-5504357-\$ or US-5574299-\$ or US-5677866-\$ or US-5736761-\$ or US-5753947-\$ or US-5817552-\$ or US-5977589-\$ or US-6034389-\$ or US-6075265-\$ or US-6077745-\$).did. or (US-6093606-\$ or US-6157069-\$ or US-6172391-\$ or US-6177699-\$ or US-6180972-\$ or US-6198158-\$ or US-6222769-\$ or US-6255684-\$ or US-6265742-\$ or US-6304483-\$ or US-6355954-\$ or US-6362043-\$ or US-6365452-\$ or US-6373123-\$ or US-6449186-\$ or US-6465298-\$ or US-6477080-\$ or US-6492694-\$ or US-6518615-\$ or US-6528837-\$ or US-6537871-\$ or US-6548856-\$ or US-6566206-\$ or US-6583466-\$ or US-6593613-\$ or US-6610566-\$ or US-6627934-\$).did. or (US-6756622-\$ or US-6764901-\$ or US-6894343-\$).did. or (DE-19519160-\$ or DE-3931381-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-57023261-\$ or JP-61270863-\$ or JP-62155557-\$ or JP-63050056-\$).did. or (EP-46011-\$ or JP-62155557-\$ or US-4979014-\$ or DE-3922467-\$ or JP-02188966-\$ or DE-4139489-\$ or US-5376575-\$ or JP-08034302-\$ or DE-19519160-\$ or EP-744772-\$ or US-6093606-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/13 15:26

L2	2	1 and goebel.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 15:20
L3	18	dram and capacitor.ti,ab,clm. and trench.ti,ab,clm. and (matrix array grid grid-like).ti,ab,clm. and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/13 15:28
L4	1	(US-20040150028-\$).did.	US-PGPUB	OR	OFF	2006/01/13 15:30
L5	0	4 and float\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 15:39
L6	1	4 and diagonal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 15:45
L7	8187	((257/68) or (257/71) or (257/300) or (257/301) or (257/302) or (257/303) or (257/516) or (257/532) or (257/296) or (257/298) or (257/905) or (257/906) or (257/907) or (257/908)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 15:46
L8	1	7 and memory.ti,ab,clm. and trench.ti,ab,clm. and capacitor.ti,ab,clm. and (silicon semiconductor) near3 (column pillar mesa).ti,ab,clm. and (bit adj line bitline).ti,ab,clm. and (matrix array grid).ti,ab,clm. and (corner diagonal).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 15:50
L9	0	7 and memory.ti,ab,clm. and trench.ti,ab,clm. and capacitor.ti,ab,clm. and (silicon semiconductor) near3 (column pillar mesa).ti,ab,clm. and (bit adj line bitline).ti,ab,clm. and ((pitch near6 (loose breaking broken irregular)) (off-pitch "off" near1 pitch)).clm,ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 15:52

L10	3	7 and memory.ti,ab,clm. and trench.ti,ab,clm. and capacitor.ti,ab,clm. and (silicon semiconductor) near3 (column pillar mesa).ti,ab,clm. and (bit adj line bitline).ti,ab,clm. and buried.ti,ab,clm. and (((connect\$3 interconnect\$3) near20 (drain source impurity diffusion) near20 surface)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/13 15:55
S1	716	(257/301).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 10:18
S2	358	(257/302).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/20 17:39
S3	147	257/905	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/20 18:13
S4	173	257/906	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/20 18:13
S5	1264	(((257/301).CCLS.) or ((257/302).CCLS.)) or 257/905 or 257/906	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 08:45
S6	311	(((257/301).CCLS.) or ((257/302).CCLS.)) or 257/905 or 257/906) and dram and trench and vertical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/20 19:30
S7	13	(US-6362043-\$ or US-6365452-\$ or US-6172391-\$ or US-5977589-\$ or US-6034389-\$ or US-6075265-\$ or US-5574299-\$ or US-5753947-\$ or US-5378907-\$ or US-5032882-\$ or US-4912535-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2002/06/20 20:06

S8	0	((US-6362043-\$ or US-6365452-\$ or US-6172391-\$ or US-5977589-\$ or US-6034389-\$ or US-6075265-\$ or US-5574299-\$ or US-5753947-\$ or US-5378907-\$ or US-5032882-\$ or US-4912535-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did.) and "1s/d1" near4 connect\$3 near4 voltage	US-PGPUB; USPAT; EPO	OR	OFF	2002/06/20 20:01
S9	0	((US-6362043-\$ or US-6365452-\$ or US-6172391-\$ or US-5977589-\$ or US-6034389-\$ or US-6075265-\$ or US-5574299-\$ or US-5753947-\$ or US-5378907-\$ or US-5032882-\$ or US-4912535-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did.) and "1s/d1" near4 connect\$3 near4 voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/20 20:01
S10	1	((US-6362043-\$ or US-6365452-\$ or US-6172391-\$ or US-5977589-\$ or US-6034389-\$ or US-6075265-\$ or US-5574299-\$ or US-5753947-\$ or US-5378907-\$ or US-5032882-\$ or US-4912535-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did.) and (source or drain) near4 connect\$3 near4 (terminal or voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/20 20:02
S11	7	memory.ti,ab. and (source or drain) near3 (common or constant) near3 voltage and trench.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/21 09:02
S12	13	(US-6365452-\$ or US-6362043-\$ or US-6172391-\$ or US-6075265-\$ or US-6034389-\$ or US-5378907-\$ or US-5032882-\$ or US-4912535-\$ or US-5753947-\$ or US-5574299-\$ or US-5977589-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2002/06/21 09:51
S13	4	((US-6365452-\$ or US-6362043-\$ or US-6172391-\$ or US-6075265-\$ or US-6034389-\$ or US-5378907-\$ or US-5032882-\$ or US-4912535-\$ or US-5753947-\$ or US-5574299-\$ or US-5977589-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did.) and data	US-PGPUB; USPAT; EPO	OR	OFF	2002/06/21 09:57
S14	6	("4419743") or ("4979014") or ("5258635") or ("5250830") or ("5350708") or ("5736761")).PN.	USPAT; USOCR	OR	OFF	2002/06/21 10:05

S15	2	jp-62155557\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/21 10:07
S16	0	jp-02519216\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/21 10:07
S17	0	jp-2519216\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/21 10:08
S18	0	"2519216"	JPO	OR	ON	2002/06/21 10:08
S19	0	jp-08330545\$-\$.did.	JPO	OR	ON	2002/06/21 10:08
S20	0	jp-8330545\$-\$.did.	JPO	OR	ON	2002/06/21 10:09
S21	0	jp-408330545\$-\$.did.	JPO	OR	ON	2002/06/21 10:09
S22	0	jp-08330545\$-\$.did.	JPO	OR	ON	2002/06/21 10:09
S23	0	jp-5723261\$-\$.did.	JPO	OR	ON	2002/06/21 10:09
S24	1	"5376575".PN.	USPAT	OR	OFF	2002/06/21 10:42
S25	1	"5214603".PN.	USPAT	OR	OFF	2002/06/21 10:43
S26	2	("6172391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/21 14:41
S27	2	("5214603").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/21 14:41
S28	3	("4630088").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/21 16:56
S29	2	("6172391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/21 17:39

S30	2	("6010045").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/21 17:40
S31	5	"794562".ap.	USPAT	OR	ON	2002/06/21 17:42
S32	2	"6172391"	USPAT	OR	ON	2002/06/21 17:50
S33	326	deboer.in.	DERWENT	OR	ON	2002/06/22 12:15
S34	1	deboer.in. and "5930106".pn.	DERWENT	OR	ON	2002/06/22 12:17
S35	1	"5930106".pn.	USPAT	OR	ON	2002/06/22 12:50
S36	5071	((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/532) or (257/906)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/06/22 12:51
S37	5071	((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/532) or (257/906)).CCLS.) and @pd>"2002.01.01"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/22 12:52
S38	349	((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/532) or (257/906)).CCLS.) and @pd>"20020101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/22 12:53
S39	103	((257/68) or (257/71) or (257/277) or (257/296) or (257/298) or (257/300) or (257/303) or (257/306) or (257/516) or (257/532) or (257/906)).CCLS.) and @pd>"20020101") and (boro-phospho adj silicate adj glass or BPSG or borophospho adj silicate or borophospho-silicate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/06/22 12:56

S40	20	(US-5574299-\$ or US-5250830-\$ or US-5032882-\$ or US-5350708-\$ or US-4419743-\$ or US-4979014-\$ or US-4912535-\$ or US-5753947-\$ or US-5378907-\$ or US-6362043-\$ or US-6365452-\$ or US-6172391-\$ or US-6075265-\$ or US-6034389-\$ or US-5977589-\$ or US-5736761-\$ or US-5258635-\$).did. or (US-20020030214-\$).did. or (DE-3931381-\$).did. or (JP-62155557-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2002/12/01 11:52
S41	1100	((257/301).CCLS.) or ((257/302).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 08:57
S42	43	((257/301).CCLS.) or ((257/302).CCLS.) and buried adj (bitline or bit-line or bit adj line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 09:06
S43	2	de-19519160\$-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 09:11
S44	2	("5817552").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/12/04 09:09
S45	17	horizontal near12 buried near12 (bitline or bit-line or bit adj line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 09:12
S46	13	horizontal near6 buried near6 (bitline or bit-line or bit adj line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 10:37
S47	167	(groove or trench) near6 buried near6 (bitline or bit-line or bit adj line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 10:38



S48	65	(groove or trench) near3 buried near2 (bitline or bit-line or bit adj line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 14:15
S49	204	(snap-back or snapback) and esd adj protection and "257"/\$6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 14:16
S50	20	(snap-back or snapback).ti,ab. and esd adj protection.ti,ab. and "257"/\$6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 14:16
S51	3676	((257/301) or (257/302) or (257/327) or (257/328) or (257/329) or (257/330) or (257/331) or (257/334) or (257/339) or (257/905) or (257/906) or (257/907) or (257/908)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/12/04 16:15
S52	96	((257/301) or (257/302) or (257/327) or (257/328) or (257/329) or (257/330) or (257/331) or (257/334) or (257/339) or (257/905) or (257/906) or (257/907) or (257/908)).CCLS.) and buried near2 (bitline or bit adj line or bit-line) and (trench or groove)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 18:47
S53	2	((257/301) or (257/302) or (257/327) or (257/328) or (257/329) or (257/330) or (257/331) or (257/334) or (257/339) or (257/905) or (257/906) or (257/907) or (257/908)).CCLS.) and buried near2 (bitline or bit adj line or bit-line) and (trench or groove) and reference adj potential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/04 18:58
S54	2	("5504357").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/12/04 18:58
S55	419	word adj line near1 gate.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/04 20:30



S56	322	word adj line near1 source.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/04 20:31
S57	32	(word adj line near1 gate.clm.) and (word adj line near1 source. clm.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/04 20:59
S58	2	("6172391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/04 22:37
S59	3948	((257/301) or (257/302) or (257/905) or (257/906) or (257/327) or (257/328) or (257/330) or (257/331) or (257/329) or (257/334) or (257/339) or (257/907) or (257/908)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/04 22:38
S60	0	((257/301) or (257/302) or (257/905) or (257/906) or (257/327) or (257/328) or (257/330) or (257/331) or (257/329) or (257/334) or (257/339) or (257/907) or (257/908)).CCLS.) and dram.ti,ab, clm. and (hig-density or high adj density) near12 word adj line and (high-density adj integration near12 (bit line or bitline)) and trench.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/04 22:40
S61	11	((("4419743") or ("4979014") or ("5258635") or ("5250830") or ("5350708") or ("5736761")).PN.	USPAT; USOCR; DERWENT	OR	OFF	2003/10/13 16:31
S62	2	jp-62155557\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:31
S63	11	((("4419743") or ("4979014") or ("5258635") or ("5250830") or ("5350708") or ("5736761")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:38

S64	2	("5350708").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:44
S65	0	jp-02519216\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:45
S66	0	jp-62519216\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:46
S67	1	jp-08330545\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:47
S68	2	jp-08034302\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:47
S69	0	jp-08343020\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:48
S70	0	jp-5723261\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:48
S71	2	jp-57023261\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:55
S72	2	jp-04005856\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:57
S73	2	jp-63050056\$-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/13 16:58

S74	1	"949643".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 08:57
S75	2	"949634".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 09:11
S76	2	("6127391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 09:13
S77	2	("6172391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 09:14
S78	3	trench and dram near2 cell and bottom near6 trench near6 (ground grounded)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 09:15
S79	5	bottom near3 (trench groove) near6 (ground grounded connected near3 (constant near3 (voltage potential))) and (dram near3 cell memory near3 cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 10:32

S80	39	(US-6034389-\$ or US-6075265-\$ or US-5753947-\$ or US-5677866-\$ or US-5250830-\$ or US-5208657-\$ or US-5032882-\$ or US-4912535-\$ or US-4890145-\$ or US-5350708-\$ or US-5258635-\$ or US-4979014-\$ or US-4419743-\$ or US-5817552-\$ or US-5574299-\$ or US-5504357-\$ or US-5378907-\$ or US-5285093-\$ or US-5977589-\$ or US-5736761-\$ or US-6172391-\$ or US-6255684-\$ or US-6362043-\$ or US-6365452-\$).did. or (US-20010004540-\$ or US-20020030214-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-63050056-\$ or JP-62155557-\$).did. or (EP-744772-\$ or DE-4139489-\$ or JP-02188966-\$ or US-4979014-\$ or EP-46011-\$ or DE-19519160-\$ or US-5376575-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 11:56
S81	35	((US-6034389-\$ or US-6075265-\$ or US-5753947-\$ or US-5677866-\$ or US-5250830-\$ or US-5208657-\$ or US-5032882-\$ or US-4912535-\$ or US-4890145-\$ or US-5350708-\$ or US-5258635-\$ or US-4979014-\$ or US-4419743-\$ or US-5817552-\$ or US-5574299-\$ or US-5504357-\$ or US-5378907-\$ or US-5285093-\$ or US-5977589-\$ or US-5736761-\$ or US-6172391-\$ or US-6255684-\$ or US-6362043-\$ or US-6365452-\$).did. or (US-20010004540-\$ or US-20020030214-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-63050056-\$ or JP-62155557-\$).did. or (EP-744772-\$ or DE-4139489-\$ or JP-02188966-\$ or US-4979014-\$ or EP-46011-\$ or DE-19519160-\$ or US-5376575-\$).did.) and (constant voltage potential connect connected connects connection)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 11:58

S82	35	((US-6034389-\$ or US-6075265-\$ or US-5753947-\$ or US-5677866-\$ or US-5250830-\$ or US-5208657-\$ or US-5032882-\$ or US-4912535-\$ or US-4890145-\$ or US-5350708-\$ or US-5258635-\$ or US-4979014-\$ or US-4419743-\$ or US-5817552-\$ or US-5574299-\$ or US-5504357-\$ or US-5378907-\$ or US-5285093-\$ or US-5977589-\$ or US-5736761-\$ or US-6172391-\$ or US-6255684-\$ or US-6362043-\$ or US-6365452-\$).did. or (US-20010004540-\$ or US-20020030214-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-63050056-\$ or JP-62155557-\$).did. or (EP-744772-\$ or DE-4139489-\$ or JP-02188966-\$ or US-4979014-\$ or EP-46011-\$ or DE-19519160-\$ or US-5376575-\$).did.) and (ground grounding grounded constant voltage potential connect connected connects connection)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:09
S83	278	storage adj node near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:09
S84	73	storage adj node near3 (connect connected) near3 (ground grounded)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:11
S85	0	storage adj node near3 (connect connected) near3 (ground grounded) and storage adj node near3 (connect connected) near3 bitline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:12
S86	30	storage adj node near3 (connect connected) near3 (ground grounded) and storage adj node near3 (connect connected) near3 (bit-line bit adj line bitline)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:01
S87	22	storage adj node near3 (connect connected) near3 (ground grounded) same storage adj node near3 (connect connected) near3 (bit-line bit adj line bitline)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:35

S88	9	common adj plate and infineon.as. and dram adj cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:40
S89	2	common adj plate near6 buried and infineon.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:41
S90	3	common adj plate near6 buried and (dram memory) near6 cell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 15:42
S91	3	buried adj electrode near6 (ground grounded potential voltage) and dram.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:06
S92	6	buried adj electrode near12 (ground grounded potential voltage) and (memory adj cell dram).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:09
S93	4	buried adj electrode near12 (ground grounded potential voltage) and (memory adj cell dram).ti,ab,clm. and source and drain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:57
S94	5848	"1 poly"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:58
S95	7	"1 poly".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:58
S96	2829	"1 poly".ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 17:59
S97	26	"1 poly".ti,ab,clm. and dram	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 18:18
S98	2	"949634".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 18:19

S99	45	(US-5258635-\$ or US-5350708-\$ or US-5504357-\$ or US-5574299-\$ or US-5736761-\$ or US-5753947-\$ or US-5977589-\$ or US-5250830-\$ or US-5378907-\$ or US-5032882-\$ or US-5208657-\$ or US-4890145-\$ or US-4912535-\$ or US-5817552-\$ or US-4419743-\$ or US-4979014-\$ or US-5677866-\$ or US-5285093-\$ or US-6593613-\$ or US-6627934-\$ or US-6222769-\$ or US-6180972-\$ or US-6075265-\$ or US-6034389-\$ or US-6172391-\$ or US-6255684-\$).did. or (US-6362043-\$ or US-6365452-\$). did. or (US-20010004540-\$ or US-20020030214-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-62155557-\$ or JP-63050056-\$ or JP-09069612-\$ or JP-04005856-\$ or JP-61270863-\$).did. or (DE-19519160-\$ or US-5376575-\$ or US-4979014-\$ or EP-744772-\$ or DE-4139489-\$ or EP-46011-\$ or JP-02188966-\$ or DE-3922467-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/14 18:36
S10 0	2	("6093606").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 19:11
S10 1	1445	(257/315).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 19:11
S10 2	24	((257/315).CCLS.) and common adj (drain source) near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 19:15
S10 3	32	257/316.ccls. and common adj (drain source) near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 19:18



S10 4	6	trench near12 gate and common adj (drain source) near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:10
S10 5	26	dram adj cell and common adj (drain source) near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 20:03
S10 6	0	dram adj cell and trench and common adj (drain source) near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 20:04
S10 7	31	(memory dram) adj cell and trench and common adj (drain source) near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 20:09
S10 8	50	(memory dram) adj cell and trench and common adj (drain source) near6 (reference fixed constant ground)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 20:09
S10 9	19	((memory dram) adj cell and trench and common adj (drain source) near6 (reference fixed constant ground)) not ((memory dram) adj cell and trench and common adj (drain source) near6 ground)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/14 20:09

S11 0	51	(US-6365452-\$ or US-5285093-\$ or US-6593613-\$ or US-6627934-\$ or US-6222769-\$ or US-6093606-\$ or US-4951117-\$ or US-6362043-\$ or US-6255684-\$ or US-6180972-\$ or US-6172391-\$ or US-6075265-\$ or US-6034389-\$ or US-5977589-\$ or US-5753947-\$ or US-5736761-\$ or US-5677866-\$ or US-5574299-\$ or US-5504357-\$ or US-5378907-\$ or US-5250830-\$ or US-5208657-\$ or US-5032882-\$ or US-4912535-\$ or US-4890145-\$ or US-5350708-\$).did. or (US-5258635-\$ or US-4979014-\$ or US-4419743-\$ or US-5817552-\$ or US-6157069-\$).did. or (US-20020030214-\$ or US-20020096705-\$ or US-20020072167-\$ or US-20010004540-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-63050056-\$ or JP-62155557-\$ or JP-61270863-\$).did. or (US-4979014-\$ or EP-46011-\$ or DE-3922467-\$ or US-6093606-\$ or DE-19519160-\$ or US-5376575-\$ or EP-744772-\$ or DE-4139489-\$ or JP-02188966-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 09:07
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S11 1	10	((US-6365452-\$ or US-5285093-\$ or US-6593613-\$ or US-6627934-\$ or US-6222769-\$ or US-6093606-\$ or US-4951117-\$ or US-6362043-\$ or US-6255684-\$ or US-6180972-\$ or US-6172391-\$ or US-6075265-\$ or US-6034389-\$ or US-5977589-\$ or US-5753947-\$ or US-5736761-\$ or US-5677866-\$ or US-5574299-\$ or US-5504357-\$ or US-5378907-\$ or US-5250830-\$ or US-5208657-\$ or US-5032882-\$ or US-4912535-\$ or US-4890145-\$ or US-5350708-\$).did. or (US-5258635-\$ or US-4979014-\$ or US-4419743-\$ or US-5817552-\$ or US-6157069-\$).did. or (US-20020030214-\$ or US-20020096705-\$ or US-20020072167-\$ or US-20010004540-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-63050056-\$ or JP-62155557-\$ or JP-61270863-\$).did. or (US-4979014-\$ or EP-46011-\$ or DE-3922467-\$ or US-6093606-\$ or DE-19519160-\$ or US-5376575-\$ or EP-744772-\$ or DE-4139489-\$ or JP-02188966-\$).did.) and buried and (ground grounded)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 09:07
S11 2	2	(common adj plate common adj source common adj drain) near6 buried near15 (ground grounded) and (dram memory adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:18
S11 3	2	(common adj plate common adj source common adj drain) near6 buried near15 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell) and word adj line and (bitline bit adj line bit-line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:23

S11 4	759	(common adj plate common adj source common adj drain) near15 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell) and word adj line and (bitline bit adj line bit-line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:24
S11 5	251	(common adj plate common adj source common adj drain) near6 (connect connects connected) near6 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell) and word adj line and (bitline bit adj line bit-line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:25
S11 6	81	(common adj plate common adj source common adj drain) near6 (connect connects connected) near6 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell).ti,ab,clm. and word adj line and (bitline bit adj line bit-line) and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:26
S11 7	15	(common adj plate common adj source common adj drain) near6 (connect connects connected) near6 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell) and (trench groove) and gate and word adj line and (bitline bit adj line bit-line) and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:38
S11 8	1	(buried adj plate buried adj source buried adj drain) near6 (connect connects connected) near6 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell) and (trench groove) and gate and word adj line and (bitline bit adj line bit-line) and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 09:39

S11 9	4	(buried near3 plate buried near3 source buried near3 drain) near6 (connect connects connected) near6 (reference adj potential fixed adj potential reference adj voltage fixed adj voltage earth ground grounded) and (dram memory adj cell) and (trench groove) and gate and word adj line and (bitline bit adj line bit-line) and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 10:32
S12 0	2	("6127391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 10:32
S12 1	2	("6172391").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 10:56
S12 2	2	stack adj capacitor and common adj (plate source drain) near12 buried	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 11:19
S12 3	2	stack adj capacitor and common adj (plate source drain) near12 (ground grounded)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 13:06
S12 4	3	stack near2 capacitor and common adj (plate source drain) near12 (ground grounded)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 11:20
S12 5	0	stack near2 capacitor and dram adj2 cell and trench and common near3 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 11:21
S12 6	0	stack near2 capacitor and dram adj2 cell and trench and (common adj plate near15 (ground grounded))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 11:22

S12 7	0	stack near2 capacitor and dram adj2 cell and trench and (common adj (plate source) near15 (ground grounded))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 11:22
S12 8	26	stack near2 capacitor and dram adj2 cell and trench and common adj plate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 13:23
S12 9	54	(US-6077745-\$ or US-6222769-\$ or US-5574299-\$ or US-5504357-\$ or US-6034389-\$ or US-6180972-\$ or US-5977589-\$ or US-5753947-\$ or US-5736761-\$ or US-5677866-\$ or US-6157069-\$ or US-6365452-\$ or US-6255684-\$ or US-6172391-\$ or US-6362043-\$ or US-6075265-\$ or US-4912535-\$ or US-4890145-\$ or US-5208657-\$ or US-5250830-\$ or US-4794561-\$ or US-4222063-\$ or US-4951117-\$ or US-6093606-\$ or US-5378907-\$ or US-5032882-\$).did. or (US-5285093-\$ or US-6627934-\$ or US-6593613-\$ or US-5817552-\$ or US-4979014-\$ or US-4419743-\$ or US-5258635-\$ or US-5350708-\$).did. or (US-20020030214-\$ or US-20020072167-\$ or US-20020096705-\$ or US-20010004540-\$).did. or (DE-3931381-\$ or DE-19519160-\$).did. or (JP-62155557-\$ or JP-63050056-\$ or JP-61270863-\$ or JP-04005856-\$ or JP-09069612-\$).did. or (DE-3922467-\$ or EP-744772-\$ or US-6093606-\$ or EP-46011-\$ or DE-4139489-\$ or US-5376575-\$ or DE-19519160-\$ or US-4979014-\$ or JP-02188966-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:45
S13 0	505	buried adj2 plate and (dram memory adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:46
S13 1	0	buried adj cell adj plate and (dram memory adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:46

S13 2	0	buried adj source adj plate and (dram memory adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:47
S13 3	505	buried adj2 plate and (dram memory adj cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:47
S13 4	314	buried adj2 plate and (dram memory adj cell).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:47
S13 5	8	buried adj2 plate near12 ("V.sub. ss" constant adj voltage constant adj potential ground grounded) and (dram memory adj cell).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:49
S13 6	1	buried adj2 plate near12 ("V.sub. ss" constant adj voltage constant adj potential ground grounded) and (dram memory adj cell) and stack\$2 adj capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:50
S13 7	1	buried adj2 plate near12 ("V.sub. ss" constant adj voltage constant adj potential ground grounded) and (dram memory adj cell) and stack\$2 adj capacitor and trench	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:50
S13 8	4	buried adj2 (source plate) near12 ("V.sub.ss" constant adj voltage constant adj potential ground grounded) and (dram memory adj cell) and stack\$2 adj capacitor and trench	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 13:52
S13 9	0	(source drain) near6 bottom near6 trench near12 ("V.sub.ss" constant adj voltage constant adj potential ground grounded) and (dram memory adj cell) and stack\$2 adj capacitor and trench	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/10/15 14:09
S14 0	2	("6201730").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 15:56
S14 1	2	("6593613").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/10/15 15:57



S14 2	9	((("4,419,743") or ("4.979,014") or ("5.258,635") or ("5,250,830") or ("5,350,708") or ("5,736,761") or ("6,172,391") or ("6,075,265") or ("5.977,589") or ("5,504,357") or ("6,355,954") or ("6,593,613"))). PN.	US-PGPUB; USPAT	OR	OFF	2005/02/26 18:54
S14 3	12	((("4,419,743") or ("4.979,014") or ("5.258,635") or ("5,250,830") or ("5,350,708") or ("5,736,761") or ("6,172,391") or ("6,075,265") or ("5.977,589") or ("5,504,357") or ("6,355,954") or ("6,593,613"))). PN.	US-PGPUB; USPAT	OR	OFF	2005/02/26 18:59
S14 4	7	jp-62155557\$-\$.did. jp-02519216\$-\$.did. jp-08330545\$-\$.did. jp-08034302\$-\$.did. jp-57023261\$-\$.did.	JPO; DERWENT	OR	ON	2005/02/26 19:01
S14 5	13	(US-5736761-\$ or US-5250830-\$ or US-4979014-\$ or US-4419743-\$ or US-5258635-\$ or US-5350708-\$).did. or (JP-63050056-\$ or JP-04005856-\$).did. or (EP-46011-\$ or DE-4139489-\$ or JP-02188966-\$ or US-4979014-\$ or EP-744772-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2005/02/26 19:04
S14 6	19	S143 S144	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 19:04
S14 7	8	S145 and S146	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 19:05
S14 8	11	S146 not S147	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 20:51
S14 9	3	"762470".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 14:21
S15 0	2	((("4419743") or ("6172391"))).PN.	USPAT	OR	OFF	2005/02/26 20:32

S15 1	2	"949634".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 20:32
S15 2	2	("6172391").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 21:15
S15 3	0	S152 and "S/D2a" near10 "P1a"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 21:15
S15 4	1	S152 and "S/D2a" and "P1a"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 21:31
S15 5	2	S152 and ((source drain) near6 bit adj line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/26 21:52
S15 6	2	("6201730").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/26 21:52
S15 7	18	trench near4 square near4 surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 11:35
S15 8	2	trench near8 square near8 increase\$1 near8 area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 11:36
S15 9	74	trench near12 square near12 area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 11:40
S16 0	112	trench near12 square near12 area and area and square	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 11:40

S16 1	46	trench near12 square near12 area and area and square and memory and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 12:01
S16 2	1497	trench and capacitor and memory near2 array.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 12:01
S16 3	303	square and trench and capacitor and memory near2 array.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 13:45
S16 4	2	("6172391").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 13:46
S16 5	2	S164 and (word adj line wordline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 13:46
S16 6	0	memory adj array and normal adj pitch and (connection adj line interconnect)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 14:22
S16 7	8	memory adj array and normal adj pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 14:23
S16 8	5	memory adj array and (interrupt interrupting interruption loose broken break breaking) adj pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/27 14:25
S16 9	1086	memory adj cell adj (structure array) and pitch and plan adj view	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 14:27
S17 0	731	memory adj cell adj (structure array) and pitch and plan adj view and "257"/\$9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 14:28

S17 1	6	memory adj cell adj (structure array) and pitch and plan adj view and "257"/\$9.ccls. and normal near2 pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/27 14:29
S17 2	3	"762470".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/14 17:28
S17 3	2	("6172391").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/14 17:28
S17 4	3	"762470".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 08:37
S17 5	11284	((257/68) or (257/71) or (257/300) or (257/301) or (257/302) or (257/303) or (257/315) or (257/316) or (257/277) or (257/516) or (257/532) or (257/296) or (257/298) or (257/905) or (257/906) or (257/907) or (257/908)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 11:51
S17 6	129	S175 and pitch.ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 09:12
S17 7	128	S175 and pitch near4 (bit adj line bit-line bitline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 09:12
S17 8	2	"949634".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 10:23
S17 9	2	("6593613").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 10:23

S18 0	11284	((257/68) or (257/71) or (257/300) or (257/301) or (257/302) or (257/303) or (257/315) or (257/316) or (257/277) or (257/516) or (257/532) or (257/296) or (257/298) or (257/905) or (257/906) or (257/907) or (257/908)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 13:37
S18 1	11284	S180	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 13:38
S18 2	906	S181 and (drain source impurity diffusion) adj (layer region) near4 (common united uniting shared shares sharing combine combining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:40
S18 3	236	S181 and (drain source impurity diffusion) adj (layer region) near4 (common united uniting shared shares sharing combine combining) near20 (bit-line bit adj line bitline)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 13:44
S18 4	151	S181 and (drain source impurity diffusion) adj (layer region) near4 (common united uniting shared shares sharing combine combining) near20 (bit-line bit adj line bitline) and (groove trench)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:09
S18 5	9	S181 and common adj (source drain) near4 bottom near4 trench	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:21
S18 6	10	S181 and (contiguous shared sharing common) adj (source drain) near4 bottom near4 trench	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:23
S18 7	100	S181 and (contiguous shared sharing common) adj (source drain) near20 trench	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:32
S18 8	2	("6039606").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:32

S18 9	2	("6093606").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:45
S19 0	20083	(array matrix) near20 (incomplete corner absent absence lacking omitted omission vacant vacancy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/15 14:45
S19 1	24174	(array matrix) near20 (incomplete corner absent absence lacking omitted omission vacant vacancy)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:46
S19 2	129	(array matrix) near10 (incomplete corner absent absence lacking omitted omission vacant vacancy) and S180	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 14:53
S19 3	2	"6198158".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:36
S19 4	2	"949634".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/15 15:36
S19 5	0	("762470.ap.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 15:08
S19 6	3	"762470".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 15:08
S19 7	1	(US-20040150028-\$).did.	US-PGPUB	OR	OFF	2005/12/01 15:09

S19 8	84	(US-20010004540-\$ or US-20010045587-\$ or US-20020006699-\$ or US-20020028550-\$ or US-20020030214-\$ or US-20020072167-\$ or US-20020096705-\$ or US-20040150028-\$ or US-20040183121-\$).did. or (US-4222063-\$ or US-4419743-\$ or US-4794561-\$ or US-4890145-\$ or US-4912535-\$ or US-4951117-\$ or US-4979014-\$ or US-5032882-\$ or US-5062077-\$ or US-5208657-\$ or US-5250830-\$ or US-5258635-\$ or US-5285093-\$ or US-5350708-\$ or US-5378907-\$ or US-5386132-\$ or US-5504357-\$ or US-5574299-\$ or US-5677866-\$ or US-5736761-\$ or US-5753947-\$ or US-5817552-\$ or US-5977589-\$ or US-6034389-\$ or US-6075265-\$ or US-6077745-\$).did. or (US-6093606-\$ or US-6157069-\$ or US-6172391-\$ or US-6177699-\$ or US-6180972-\$ or US-6198158-\$ or US-6222769-\$ or US-6255684-\$ or US-6265742-\$ or US-6304483-\$ or US-6355954-\$ or US-6362043-\$ or US-6365452-\$ or US-6373123-\$ or US-6449186-\$ or US-6465298-\$ or US-6477080-\$ or US-6492694-\$ or US-6518615-\$ or US-6528837-\$ or US-6537871-\$ or US-6548856-\$ or US-6566206-\$ or US-6583466-\$ or US-6593613-\$ or US-6610566-\$ or US-6627934-\$).did. or (US-6756622-\$ or US-6764901-\$ or US-6894343-\$).did. or (DE-19519160-\$ or DE-3931381-\$).did. or (JP-04005856-\$ or JP-09069612-\$ or JP-57023261-\$ or JP-61270863-\$ or JP-62155557-\$ or JP-63050056-\$).did. or (EP-46011-\$ or JP-62155557-\$ or US-4979014-\$ or DE-3922467-\$ or JP-02188966-\$ or DE-4139489-\$ or US-5376575-\$ or JP-08034302-\$ or DE-19519160-\$ or EP-744772-\$ or US-6093606-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/01/11 08:04
S19 9	1	(US-20040150028-\$).did.	US-PGPUB	OR	OFF	2006/01/13 10:19



S20 0	1	S199 and pitch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 10:19
S20 1	1	(US-20040150028-\$).did.	US-PGPUB	OR	OFF	2006/01/13 13:32
S20 2	1	S201 and width	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 13:37
S20 3	1	S201 and width and trench	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/13 13:37